



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 48211  
Application ID: 10003996  
Title of Invention: APPARATUS AND METHOD FOR  
TISSUE REMOVAL  
First Named Inventor: PETER BONUTTI  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2001-11-15  
Effective Receipt Date: 2003-09-24  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 8298  
Attorney Docket Number: 780-A02-014-8



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Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 500601  
Deposit Account Name: PAUL D. BIANCO  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2003-09-24  
RAM Sequence Number: 15

Digital Certificate Holder: cn=Paul David Bianco,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 9a5ebf855cf35fb81ca4f36f9b1a63344704dc0d

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

| <b>Title of<br/>Invention</b>  | <b>APPARATUS AND METHOD FOR TISSUE REMOVAL</b> |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
|--|--|----------------|----------------------------------|--------------|----------------|---|------------------|------------|--|------------|--------------|--------------------------|--|------------------|--|------------------|
| <p>Application Number: 10/003996<br/>Date: 2001-11-15<br/>First Named Applicant: Dr. PETER M. BONUTTI</p> <p>Confirmation Number: 8298<br/>Attorney Docket Number: 780-A02-014-8</p>   |  |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> |  |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mr. PAUL D. BIANCO Ph.D.<br/>Registered Number: 43,500</td><td>/Paul D. Bianco/</td><td>Attorney</td></tr></tbody></table>   |  |                | Submitted by:                    | Elec. Sign.  | Sign. Capacity | Mr. PAUL D. BIANCO Ph.D.<br>Registered Number: 43,500 | /Paul D. Bianco/ | Attorney   |  |            |              |                          |  |                  |  |                  |
| Submitted by:  | Elec. Sign.                                    | Sign. Capacity |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
| Mr. PAUL D. BIANCO Ph.D.<br>Registered Number: 43,500  | /Paul D. Bianco/                               | Attorney       |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
| <table><tr><td><b>Documents being submitted</b></td><td><b>Files</b></td></tr><tr><td>us-ids</td><td>IDSBONUTTI148-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xml</td></tr><tr><td>us-fee-sheet</td><td>IDSBONUTTI148-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xml</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr></table>   |  |                | <b>Documents being submitted</b> | <b>Files</b> | us-ids         | IDSBONUTTI148-usidst.xml                              |                  | us-ids.dtd |  | us-ids.xml | us-fee-sheet | IDSBONUTTI148-usfees.xml |  | us-fee-sheet.xml |  | us-fee-sheet.dtd |
| <b>Documents being submitted</b>   | <b>Files</b>                                   |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
| us-ids   | IDSBONUTTI148-usidst.xml                       |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
|  | us-ids.dtd                                     |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
|  | us-ids.xml                                     |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
| us-fee-sheet   | IDSBONUTTI148-usfees.xml                       |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
|  | us-fee-sheet.xml                               |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |
|  | us-fee-sheet.dtd                               |                |                                  |              |                |   |                  |            |  |            |              |                          |  |                  |  |                  |

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Comments

**FEE TRANSMITTAL**

Electronic Version v08  
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| <b>Title of<br/>Invention</b>  | <b>APPARATUS AND METHOD FOR TISSUE REMOVAL</b> |                 |             |           |             |   |      |     |     |
|--|--|-----------------|-------------|-----------|-------------|---|------|-----|-----|
| <p>Application Number: 10/003996<br/>Date: 2001-11-15<br/>First Named Applicant: Dr. PETER M. BONUTTI<br/>Attorney Docket Number: 780-A02-014-8<br/>Art Unit: 3731<br/>Examiner: Miss. JESSICA R. BAXTER</p>   |  |                 |             |           |             |   |      |     |     |
| <p><b>TOTAL FEE AUTHORIZED \$180</b></p> <p>Patent fees are subject to annual revisions on or about October 1st of each year.</p>  |  |                 |             |           |             |   |      |     |     |
| <b>BASIC FILING FEE</b>  |  |                 |             |           |             |   |      |     |     |
| <table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>   |  | Fee Description | Fee Code    | Amount \$ | Fee Paid \$ | Submission Of Information Disclosure Stmt Fee | 1806 | 180 | 180 |
| Fee Description  | Fee Code                                       | Amount \$       | Fee Paid \$ |           |             |   |      |     |     |
| Submission Of Information Disclosure Stmt Fee  | 1806   | 180             | 180         |           |             |   |      |     |     |
| <p><b>AUTHORIZED BILLING INFORMATION</b></p> <p>The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit account number: 500601<br/>Access Code: ****<br/>Deposit name: FLEIT KAIN GIBBONS GUTMAN BONGINI<br/>Deposit authorized name: PAUL D. BIANCO<br/>Signature: /Paul D. Bianco/<br/>Date (YYYYMMDD): 2003-09-24</p> <p>Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.</p> |  |                 |             |           |             |   |      |     |     |

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

APPARATUS AND METHOD FOR TISSUE REMOVAL

Application Number: 10/003996  
Confirmation Number: 8298  
First Named Applicant: PETER BONUTTI  
Attorney Docket Number: 780-A02-014-8  
Art Unit: 3731  
Examiner: Miss. JESSICA R. BAXTER  
Search string: ( 3721244 or 3769980 or 3812855 or 3945375  
or 4274414 or 4445509 or 4646738 or 4696667  
or 4706659 or 4721096 or 4747405 or 4883666  
or 4892552 or 4902296 or 4932973 or 5015247  
or 5047040 or 5057120 or 5059193 or 5152744  
or 5152776 or 5167239 or 5185001 or 5212082  
or 5236456 or 5285795 or 5355898 or 5372138  
or 5443443 or 5593425 or 5713853 or 5833692  
or 5868749 or 5968048 or 6312438 or RE38018  
or 4646736 or 5401759 or 4790819 ).pn.

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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date       | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|----------|------|-------|----------|
| gub  | 1        | 3721244    | 1973-03-20 | ELMALEH  |      |       |          |
|      | 2        | 3769980    | 1973-11-06 | KARMAN   |      |       |          |
|      | 3        | 3812855    | 1974-05-28 | BANKO    |      |       |          |
|      | 4        | 3945375    | 1976-03-23 | BANKO    |      |       |          |
|      | 5        | 4274414    | 1981-06-23 | JOHNSON  |      |       |          |
|      | 6        | 4445509    | 1984-05-01 | AUTH     |      |       |          |
|      | 7        | 4646738    | 1987-03-03 | TROTT    |      |       |          |
|      | 8        | 4696667    | 1987-08-29 | MASCH    |      |       |          |
|      | 9        | 4706659    | 1987-11-17 | MATTHEWS |      |       |          |
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| 12 | 4883666 | 1989-01-26 | SABEL     |
| 13 | 4892552 | 1990-01-09 | AINSWORTH |
| 14 | 4902296 | 1990-02-20 | BOLANDER  |
| 15 | 4932973 | 1990-06-12 | GENDLER   |
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| 27 | 5355898 | 1994-10-18 | RIPAMONTI |
| 28 | 5372138 | 1994-12-13 | CROWLEY   |
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| 32 | 5833692 | 1998-11-10 | CESARINI  |
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| 34 | 5968048 | 1999-10-19 | HARDER    |
| 35 | 6312438 | 2001-11-06 | ADAMS     |
| 36 | RE38018 | 2003-03-04 | ANCTIL    |
| 37 | 4646736 | 1987-03-03 | AUTH      |
| 38 | 5401759 | 1995-03-28 | DUNNETT   |
| 39 | 4790819 | 1988-12-13 | LI        |

Signature

|                        |         |
|------------------------|---------|
| Examiner Name          | Date    |
| <i>Joanna R. Baker</i> | 12/8/03 |